

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. **(Currently Amended)** A thermosensitive recording material comprising a base sheet, optionally a base coating, a thermosensitive coating on one surface of said base sheet or the surface of said base coating when present, and a backcoating on the surface of the base sheet opposite the thermosensitive coating, wherein said backcoating incorporates an optically variable compound selected from the group consisting of NIRF compounds, fluorescent compounds, ~~thermochromic compounds~~ and photochromic compounds said backcoating additionally having an image printed thereon.

2. **(Currently Amended)** A thermosensitive recording material as in claim 1, wherein the backcoating is further comprised of a polymer selected from the group consisting of polyvinyl chloride polymer, polyester polymer and polyolefin polymers.

3. **(Original)** A thermosensitive recording material as in claim 2, wherein the backcoating and image printed thereon are both applied by flexographic or wet-offset printing.

4. **(Currently Amended)** A thermosensitive recording material as in claim 2, ~~wherein the backcoating includes a NIRF compound as an optically variable compound comprising a base sheet, optionally a base coating, a thermosensitive coating on one surface~~

of said base sheet or the surface of said base coating when present, and a backcoating on the surface of the base sheet opposite the thermosensitive coating, wherein said backcoating incorporates an optically variable NIRF compound, said backcoating additionally having an image printed thereon.

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5. **(Original)** A thermosensitive recording material as in claim 1, wherein the backcoating and image printed on said backcoating are both applied by flexographic or lithographic printing.

6. **(Original)** A thermosensitive recording material as in claim 5, which comprises paper as the base sheet and is a thermal paper.

7. **(Original)** A thermal paper as in claim 6, wherein the thermosensitive coating changes color when heated to a temperature of 65°C and above.

8. **(Original)** A thermal paper as in claim 7, wherein the backcoating is U.V. cured.

9. **(Original)** A thermal paper as in claim 8, wherein the backcoating has a thickness of 0.05 - 2.0 mils.

10. **(Currently Amended)** A thermal paper as in claim 7 20, wherein the optically variable ~~compound~~ is a thermochromic compound which provides a color change that can be sensed by a naked human eye when heated to a temperature of 21°C to 51°C.

11. **(Currently Amended)** A thermal paper as in claim 10 20, wherein the thermochromic ~~composition~~ compound comprises from 1 wt% to 50 wt% of the backcoating based on a total solids.

12. **(Currently Amended)** A thermal paper as in claim 10 20, wherein the thermochromic ~~composition~~ compound is microencapsulated.

13. **(Currently Amended)** A thermal paper as in claim 10 20, wherein the thermochromic ~~composition~~ compound changes color when cooled to a temperature below 12°C.

14. **(Currently Amended)** A thermosensitive recording material as in claim 1, wherein the backcoating includes a fluorescent compound as an optically variable ~~compound~~ comprising a base sheet, optionally a base coating, a thermosensitive coating on one surface of said base sheet or the surface of said base coating when present, and a backcoating on the surface of the base sheet opposite the thermosensitive coating, wherein said backcoating incorporates an optically variable fluorescent compound said backcoating additionally having an image printed thereon.

15. **(Original)** A thermal paper as in claim 7, wherein the optically variable compound is a fluorescent compound which provides a color change that can be sensed by a naked human eye when exposed to non-ambient light.

16. **(Currently Amended)** A thermal paper as in claim 15 14, wherein the fluorescent compound comprises from 1 wt% to 50 wt% of the backcoating, based on a total solids.

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17. **(Currently Amended)** A thermosensitive recording material as in claim 1, wherein the backcoating includes a photochromic compound as an optically variable compound comprising a base sheet, optionally a base coating, a thermosensitive coating on one surface of said base sheet or the surface of said base coating when present, and a backcoating on the surface of the base sheet opposite the thermosensitive coating, wherein said backcoating incorporates an optically variable photochromic compound, said backcoating additionally having an image printed thereon.

18. **(Original)** A thermal paper as in claim 7, wherein the optically variable compound is a photochromic compound which provides a color change that can be sensed by a naked human eye when exposed to non-ambient light.

19. **(Currently Amended)** A thermal paper as in claim 18 17, wherein the photochromic compound comprises from 1 wt% to 50 wt% of the backcoating, based on a total solids.

20. (New) A thermosensitive recording material comprising a base sheet, optionally a base coating, a thermosensitive coating on one surface of said base sheet or the surface of said base coating when present, and a backcoating on the surface of the base sheet opposite the thermosensitive coating, wherein said backcoating incorporates an optically variable thermochromic compound said backcoating additionally having a visible image printed thereon.